

# Science and engineering profile: New Jersey

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	20,810	620,140	8
S&E doctorates awarded, 2007	686	31,801	15
Engineering (%)	28	24	–
Life sciences (%)	21	26	–
Social sciences (%)	14	14	–
SEH postdoctorates in doctorate-granting institutions, 2006	692	49,201	21
SEH graduate students in doctorate-granting institutions, 2006	12,903	542,073	14
Population, 2008 (thousands)	8,683	308,014	11
Civilian labor force, 2008 (thousands)	4,497	155,366	11
Personal income per capita, 2007 (dollars)	49,511	38,615	3
Federal spending			
Total expenditures, 2007 (\$millions)	63,972	2,532,073	13
R&D obligations, 2006 (\$millions)	2,111	107,545	14
Total R&D performance, 2006 (\$millions)	16,259	335,377	5
Industry R&D, 2006 (\$millions)	14,606	243,853	4
Academic R&D, 2007 (\$millions)	864	49,406	18
Life sciences (%)	51	60	–
Engineering (%)	17	15	–
Physical sciences (%)	11	8	–
SBIR awards, 2000–07	1,191	44,157	10
Utility patents issued to state residents, 2008	2,722	77,493	8
Gross domestic product, 2007 (\$billions)	465	13,832	8

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

## Federal obligations for research and development, by agency and performer: New Jersey, FY 2006 (Thousands of dollars)

Agency	Performer						Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	
All agencies	2,110,673	677,409	52,843	955,110	385,237	33,354	14
Department of Agriculture	10,864	99	0	1,982	8,773	0	43
Department of Commerce	19,283	14,844	0	988	2,731	20	9
Department of Defense	1,543,407	625,226	141	876,224	40,520	1,296	11
Department of Energy	73,543	0	52,642	3,723	15,428	1,750	15
Department of Health and Human Services	282,443	0	0	37,332	211,386	29,797	23
Department of Homeland Security	20,331	15,678	0	3,996	0	1	17
Department of the Interior	2,697	2,247	0	84	94	0	34
Department of Transportation	18,946	15,790	60	2,030	1,066	0	7
Environmental Protection Agency	7,839	3,525	0	0	4,043	0	14
National Aeronautics and Space Administration	40,222	0	0	25,997	13,250	92	15
National Science Foundation	91,098	0	0	2,754	87,946	398	15
Rank	14	8	13	13	20	25	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."